

RECEIVED
CENTRAL FAX CENTER
SEP 03 2008

Application No.: 10/791,410

Docket No.: JCLA12158-R

AMENDMENT

In The Claims:

Please amend the claims as follows:

1. (currently amended) A camera module, comprising:

a lens;

a holder having a lower portion, said holder holding said lens;

at least a flexible circuit board, said flexible circuit board including a first flexible circuit board and a second flexible circuit board;

an image sensing and processing unit including an image sensing device and an optional signal processing device stacked on and electrically connected to said image sensing device, said image sensing and processing unit being packaged on one side of said flexible circuit board, and said signal processing device electrically connected to the first flexible circuit board and said image sensing device electrically connected to the second flexible circuit board;

wherein said holder is fixed on said flexible circuit board, said image sensing and processing unit inside said lower portion of said holder; and

a hard plate disposed on the other side of said flexible circuit board corresponding to said image sensing and processing unit.

2. (original) The camera module of claim 1, further comprising a glass layer directly covering said image sensing device.

Claims 3 and 4. (canceled)

Application No.: 10/791,410

Docket No.: JCLA12158-R

5. (original) The camera module of claim 1, wherein said image sensing device is a CMOS image sensing device.

6. (original) The camera module of claim 1, wherein said signal processing device includes a digital signal processing chip.

7. (original) The camera module of claim 1, wherein said signal processing device and said image sensing device are electrically connected together by wire bonding.

8. (currently amended) A camera module, comprising:

- a lens;
- a holder having a lower portion and a bottom, said holder holding said lens;
- an image sensing and processing unit including an image sensing device and an optional signal processing device stacked on and electrically connected to said image sensing device;
- a plate holding said image sensing and processing unit and covering said bottom of said holder, said image sensing and processing unit being inside said lower portion of said holder; and
- at least a flexible circuit board directly connected to said image sensing and processing unit, wherein said flexible circuit board includes a first flexible circuit board electrically connected to said signal processing device and a second flexible circuit board electrically connected to said image sensing device.

Application No.: 10/791,410

Docket No.: JCLA12158-R

9. (original) The camera module of claim 8, further comprising a glass layer directly covering said image sensing device.

10. (original) The camera module of claim 8, wherein said flexible circuit board is electrically connected to said signal processing device.

Claim 11. (canceled)

12. (currently amended) The camera module of claim ~~[[11]]~~ 8, wherein a viscous layer is between said first flexible circuit board and said second flexible circuit board.

13. (original) The camera module of claim 8, wherein said plate includes a plastic plate.

14. (original) The camera module of claim 8, wherein said image sensing device is a CMOS image sensing device.

15. (original) The camera module of claim 8, wherein said signal processing device includes a digital signal processing chip.

16. (original) The camera module of claim 8, wherein said signal processing device and said image sensing device are electrically connected together by wire bonding.

Application No.: 10/791,410

Docket No.: JCLA12158-R

17. (currently amended) A image sensing and processing unit, comprising:
a signal processing device;
an image sensing device stacked on and electrically connected to signal processing device;
and
a circuit board including a first flexible circuit board electrically connected to said signal processing device and a second flexible circuit board electrically connected to said image sensing device ~~directly connected to at least one of said signal processing device and image sensing device.~~

18. (original) The unit of claim 17, wherein said circuit board includes a flexible circuit board, and said image sensing device is disposed on said flexible circuit board.

19. (original) The unit of claim 17, wherein said circuit board includes a flexible circuit board.

Claim 20. (canceled)